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(71) Applicant and

(72) Inventor: SWAIN, Stephen, C. [US/US]; 9 Wall Street, Norwalk, CT 06850 (US).

(74) Agents: PASQUALE, Jack, M. et al.; Ware, Fressola, Van Der Sluys & Adolphson LLP, Bradford Green, Building Five, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).

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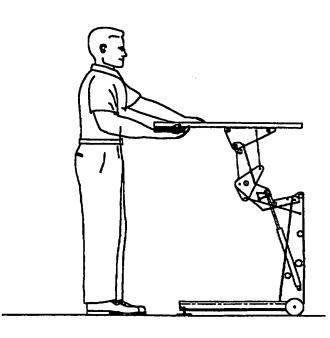
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(54) Title: MULTI-POSITION WORK TABLES



(57) Abstract: A compact height adjustable work station utilizes a unique combination of support arms and linkages to achieve greater strength and a greater range of tabletop (20) height in the industry. The method for adjusting the work surface height is user operated and pressure assisted whereby the user requires a minimal effort to physically lift or lower the work surface to the desired tabletop height. The pressure assist can be variably located to counterbalance different tabletop weights. For automatic counterbalancing, an elongated extensible gas spring piston-cylinder (55) is adapted to be locked in any of its continuous range of infinite Manual unclamping frees adjusted positions. the counterbalancing gas spring (55) for readily changed, manual tabletop height level adjustment. A mid-range level or a high tabletop level may be achieved, adjusted by unclamping and minimum manual force.

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : B25H 1/00 US CL : 144/286.1, 286.5, 287 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 144/286.1, 286.5, 287; 108/51.1, 54.1, 116, 144.11, 145, 146, 147				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.
Y	US 6,038,986 A (RANSIL et al.) 21 March 2000 (21.03.2000), See Figures 105			1-21
Y	US 4,898,103 A (PONTOPPIDAN et al.) 06 February 1990 (06.02.1990), See Figures 1, 2, 4-7; colums 4-5			1-21
A	US 6,283,047 B1 (HALLER-HESS) 04 September 2001 (04.09.2001), See Figures 1-3			1-21
A	US 6,471,288 B2 (ALEXANDER, JR.) 29 October 2002 (29.10.2002), See Figures 4-6			1-21
A,E	US 6,0672,430 B2 (BOUCHER et al.) 06 January 2004 (06.01. 2004), See Figures 3-9			1-21
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